

**DECLARATION
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

COPY

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO AND USES THEREFOR

the specification of which is attached hereto unless the following space is checked:

was filed on June 26, 2000 as United States Application Serial Number 09/603,830.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

<u>Number</u>	<u>Country</u>	<u>Day Month Year Filed</u>
---------------	----------------	-----------------------------

1.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>Application Number</u>	<u>Filing Date</u>
1. 60-031,809	07/29/1996
2. 60-200,161	04/26/2000

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application Number</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
1. 09-344,667	06/25/1999	Pending
2. 09-240,755	01/29/1999	Pending
3. PCT-US97/12783	07/21/1997	Entered national phase

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Chad A. Mirkin

Inventor's signature: Chad A. Mirkin

Residence: Wilmette, Illinois

Citizenship: United States of America

Post Office Address: 111 16th Street, Wilmette, Illinois 60091

Date: Sept 29, 2000

Full name of second joint inventor: Robert L. Letsinger

Inventor's signature: Robert L. Letsinger

Residence: Wilmette, Illinois

Citizenship: United States of America

Post Office Address: 316 Third Street, Wilmette, Illinois 60091

Date: Sept 29, 2000

Full name of third joint inventor: Robert C. Mucic

Inventor's signature: Robert C. Mucic

Residence: Glendale, California

Citizenship: United States of America

Post Office Address: 1600 Bel Aire Drive, Glendale, California 91201

Date: Oct 5, 2000

Full name of fourth joint inventor: James J. Storhoff

Inventor's signature: James J. Storhoff

Residence: Evanston, Illinois

Citizenship: United States of America

Post Office Address: 2121 Ridge Avenue, Apt. 2J, Evanston, Illinois 60201

2121 Ridge Avenue, Apt. 2J, Evanston, IL 60201

Date: Oct 11, 2000

MCDONNELL DOUGLAS
ULBERT & BERGHOFF
200 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE: 312-913-0001

Full name of fifth joint inventor: Robert Elghanian

Inventor's signature: 

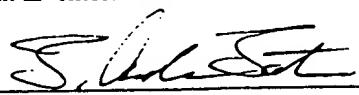
Residence: Chicago, Illinois

Citizenship: United States of America

Post Office Address: 8503 W. Catherine Avenue, Apt. 602, Chicago, Illinois 60656

Date: 10/09-00

Full name of sixth joint inventor: Thomas A. Taton

Inventor's signature: 

Date: Sept. 29, 2000

Residence: Chicago, Illinois

Citizenship: United States of America

Post Office Address: 1368 West Greenleaf Avenue, Apt. 1S, Chicago, Illinois 60626

DONNELL BOEMEN
LIBERT & BERGHOFF
6 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE 312 913-0001

CERTIFICATE OF MAILING

I hereby certify that this paper and every paper referred to therein as being enclosed is being deposited with the U.S. Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner of Patents & Trademarks, Washington, DC 20231, on _____ (Date of Deposit)

Date _____ Name _____

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00-713-I)

In re Application of:)
Chad A. Mirkin, et al.)
Serial No.: 09/603,830) Group Art Unit: 1645
Filed: June 26, 2000) Examiner: TBA
For: NANOPARTICLES HAVING)
OLIGONUCLEOTIDES)
THERETO AND USES THEREFOR)

COPY

Asst. Commissioner for Patents
Washington, DC 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY/POWER OF ATTORNEY

All powers of attorney previously given are hereby revoked and the undersigned hereby appoints all of the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and directs that all correspondence be addressed to that Customer Number:

Customer Number: 020306
Principal attorney or agent: Emily Miao
Telephone number: 312-913-0001

Date: Sept 27, 2000

Inventor: Chad A. Mirkin
Chad A. Mirkin

Date: 10/11/00

Inventor: James J. Storhoff
James J. Storhoff

Date: 10/11/00

Inventor: Robert L. Letsinger
Robert L. Letsinger

Date: 10/09/00

Inventor: Robert Elghanian
Robert Elghanian

Date: October 5, 2000

Inventor: Robert C. Mucic
Robert C. Mucic

Date: 9/28/00

Inventor: Thomas A. Taton
Thomas A. Taton